BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Improvements to roads, drains and other developmental works in ward no- 02 & 03 under road development head in Chief Minister Nava Nagarothan grants of Yelahanka division. (Package -01)

MODIFIED ESTIMATE

JOB NUMBER.: 003-20-000085

Est. Amount = 1002.00 Lakhs

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
1	KSRRB 200-8. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications. KPWD S.R 2018-19								
	Yelahanka New town 5th phase								
	2nd Cross Road								
	2nd Main Road		2	165.00	0.75		247.50		
	Connecting Road		2	135.00	0.75		202.50		
	ISRO Layout		2	200.00	0.75		300.00		
	9th Main Road								
	11th Main Road		1	136.00	0.75		102.00		
	Connecting Road		1	162.00	0.75		121.50		
	For Road		2	134.00	0.75		200.57		
	Yelahanka New town 5th phase								
	ISAQ layout		1	53.00	5.00		265.00		
	1st Main Road								
	4th Cross Road		2	363.00	0.75		544.50		
	5th Cross Road		2	30.00	0.75		45.00		
	Shushilamma layout		2	30.00	0.75		45.00		
	1st Main Road								
	3rd Cross Road		1	270.00	0.75		202.50		
	4th Cross Road		2	45.00	0.75		67.50		
	5th Cross Road		2	40.00	0.75		60.00		
	6th Cross Road		2	48.00	0.75		72.00		
	7th Cross Road		2	45.00	0.75		67.50		
	9th A Main Road		2	45.00	0.75		67.50		
	Anjaneya Swamy Temple Beside Road		1	136.00	0.75		102.00		
	Balaji layout		1	162.00	0.75		121.50		
	1st Main road								
	2nd Cross Road		2	311.00	0.75		466.50		
	3rd Cross Road		2	68.00	0.75		102.00		
	4th Cross Road	sqm	2	70.00	0.75		105.00		
	5th Cross Road		2	72.00	0.75		108.00		
	6th Cross Road		2	70.00	0.75		105.00		
	7th Cross Road		2	70.00	0.75		105.00		
	8th Cross Road		2	70.00	0.75		105.00		
	Prakruthi layout		2	70.00	0.75		105.00		
	1st Main Road								
	1st Cross Road		2	180.00	0.75		270.00		
	Kenchanahalli		2	160.00	0.75		240.00		
	3rd Main Road								
	Existing Drain		2	170.00	0.75		255.00		
	synika vihar layout								
	1st Main Road								
	2nd Main Road Left Side		1	156.00	0.75		116.57		
	2nd Main Road Right Side		1	93.00	0.75		69.29		
	3rd Main Road		1	215.00	0.75		160.18		
	For Road		2	214.00	0.75		319.29		
	3rd Main Road								
	SFS 208		1	212.00	4.30		911.60		
	Ch:00- 2001st Main Road (Park Surround Road)								
	Ch:200-600		2	200.00	0.75		300.00		
	Ch:600-800		2	400.00	0.75		600.00		
	Ch:800-1015 3rd Main Road		2	200.00	0.75		300.00		
			2	215.00	0.75		322.50		
						Total Qty	7900.00		
						Qty as per Schedule-B	7900.00		-
						Qty upto 125%	0.00		-
		Sqm				Qty as per Modified Estimate	7900.00	11.13	87,927.00

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
2	Removing and resetting of footpath slab								
	KPWD S.R 2018-19	It. No.	37.56	Pg No.	270				
	Existing Cover slab								
	Yelahanka New town 5th phase								
	2nd Cross Road		2	167.00	0.90		300.60		
	2nd Main Road		2	104.00	0.90		187.20		
	Connecting Road		1	200.00	0.90		180.00		
	Shushilamma layout								
	1st Main Road Left Side		1	130.00	0.90		117.00		
	Balaji layout								
	1st Main road		1	264.00	0.90		237.60		
	1st Cross Road		2	55.00	0.90		99.00		
	2nd Cross Road		2	58.00	0.90		104.40		
	3rd Cross Road		2	60.00	0.90		108.00		
	4th Cross Road		2	62.00	0.90		111.60		
	5th Cross Road		2	60.00	0.90		108.00		
	6th Cross Road		2	60.00	0.90		108.00		
	7th Cross Road		1	60.00	0.90		54.00		
	8th Cross Road	Sqm	2	60.00	0.90		108.00		
	Kenchanahalli								
	3rd Main Road		1	160.00	0.90		144.00		
	synika vihar layout								
	2nd Main Road Left Side		2	95.00	0.90		171.76		
	5th Main Road (Sunil Mens Parlour Road)		1	116.00	0.90		104.54		
	4th Main Road (Rajapura Road)		1	97.00	0.90		87.30		
	sai vihar Layout								
	5th cross Road		1	258.00	0.90		232.20		
	2nd cross Road		2	60.00	0.90		108.00		
	SFS 208								
	Ch:00- 2001st Main Road (Park Surround Road)		2	170.00	0.90		306.00		
	Ch:200-600		2	350.00	0.90		630.00		
	Ch:600-800		2	160.00	0.90		288.00		
	Ch:800-1015 3rd Main Road		2	172.00	1.20		412.80		
	Ch: 00-230 2nd A main Road		2	210.00	0.90		378.00		
						Total Qty	4686.00		-
						Qty as per Schedule-B	4686.00		-
						Qty upto 125%	0.00		-
		Sqm				Qty as per Modified Estimate	4686.00	219.26	1,027,452.36
3	Removing and resetting of kerb stones								
	KPWD S.R 2018-19	It. No	37.57	Pg No.	270				
	Exisisting Kerb								
	Yelahanka New town 5th phase								
	2nd Cross Road		2	130.00			260.00		
	2nd Main Road		2	67.00			134.00		
	Connecting Road		1	131.00			131.00		
	ISAQ layout								
	1st Main Road		1	195.00			195.00		
	Shushilamma layout								
	1st Main Road		2	115.00			230.00		
	4th Cross Road	M	1	30.00			30.00		
	Kenchenalli								
	Main Road		1	420.00			420.00		
	SFS 208								
	Ch:00- 2001st Main Road (Park Surround Road)		2	160.00			320.00		
	Ch:200-600		2	320.00			640.00		
	Ch:600-800		2	160.00			320.00		
	Ch:800-1015 3rd Main Road		2	172.00			344.00		
	Ch: 00-230 2nd A main Road		2	200.00			400.00		
						Total Qty	3424.00		-
						Qty as per Schedule-B	3424.00		-
						Qty upto 125%	0.00		-
		m				Qty as per Modified Estimate	3424.00	110.19	377,290.56

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
4	KSRRB M200-12.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete,-wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means. A. Lime Concrete, cement concrete grade M-10 and below. MORTH Specification No. 202								
	KPWD S R 2018-19	It. No.	18.17		Pg No.	139			
	surya vamshi Layout								
	Ch 00-78 Main Road (Side walls)		2	2	78.00	0.15	0.45	21.06	
	Ch 00-78 Main Road (Bottom slab)		2	1	78.00	0.70	0.15	16.38	
	ISRO Layout								
	Ch 60-460 1st main road		2	2	160.00	0.30	0.45	86.36	
							Total Qty	123.80	-
							Qty as per Schedule-B	123.80	-
							Qty upto 125%	0.00	-
		Cum					Qty as per Modified Estimate	123.80	505.30	62,556.14
5	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.								
	KPWD S R 2018-19	It. No.	19.10		Pg No.	143			
	Desilting of drain								
	Yelahanka New town 5th phase								
	2nd Cross Road		2		230.00	0.60	0.45	124.20	
	New CC Drain								
	2nd Main Road		2		177.00	1.00	0.90	318.60	
	Connecting Road		1		306.00	1.00	0.90	275.40	
	New Culverts								
	Connecting Road		1		7.50	1.50	1.20	13.50	
			1		6.50	1.50	1.20	11.70	
	Kerb For Dameged Portion								
	2nd Cross Road		2		100.00	0.20	0.20	8.00	
	2nd Main Road		2		110.00	0.20	0.20	8.80	
	Connecting Road		1		175.00	0.20	0.20	7.00	
	Deduction of Existing Drain								
	Connecting Road		1		306.00	0.60	0.45	-82.62	
	2nd Main Road		1		177.00	0.60	0.45	-47.79	
	Desilting of drain								
	surya vamshi Layout								
	Ch 00-45 2nd Cross Road		2		35.00	0.45	0.35	11.03	
	ISRO Layout								
	9th Main Road		1		170.00	0.45	0.35	26.78	
	11th main road		2		202.00	0.45	0.35	63.63	
	Connecting Road		2		167.00	0.45	0.35	52.61	
	New CC Drain								
	surya vamshi Layout								
	Sri Veerashewara Swamy Nilaya Road		2		53.00	1.00	0.90	95.40	
	From Shri Ram Sahanna Appartment		1		110.00	1.00	0.90	99.00	
	ISRO Layout								
	Main Road Left Side		1		300.00	1.00	0.90	270.00	
	Main Road Right Side		1		335.00	1.00	0.90	301.50	
	11th A Main Road		1		158.00	1.00	0.90	142.20	
	New Kerb								
	ISRO Layout								
	Main Road Left Side		1		300.00	0.20	0.20	12.00	
	Main Road Right Side		1		335.00	0.20	0.20	13.40	
	New Culvert								
	ISRO Layout Main Road Right Side		1		11.40	1.50	1.20	20.52	
	6th Main Road		1		8.00	1.50	1.20	14.40	
	Cross Roads		5		8.00	1.50	1.20	72.00	
	Desilting of drain								
	Shushilamma layout								
	1st Main Road		1		191.00	0.60	0.40	45.84	
	New CC Drain								
	ISAQ layout								
	1st Main Road Left Side		1		300.00	1.00	0.90	270.00	
	1st Main Road Right Side		1		273.00	1.00	0.90	245.70	
	3rd Cross Road		1		36.00	1.00	0.90	32.40	
	4th Cross Road		2		37.00	1.00	0.90	66.60	
	5th Cross Road		1		38.00	1.00	0.90	34.20	

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	Shushilamma layout								
	1st Main Road right Side		1	179.00	1.00	0.90	161.10		
	4th Cross Road		1	40.00	1.00	0.90	36.00		
	5th Cross Road		2	45.00	1.00	0.90	81.00		
	ISRO Layout								
	9th A Main Road		1	165.00	1.00	0.90	148.50		
	Anjaneya Swamy Temple Beside Road		1	190.00	1.00	0.90	171.00		
	Balaji Layout								
	7th Cross Road		1	43.00	1.00	0.90	38.70		
	surya vamshi Layout								
	3rd Cross Road		1	42.00	0.85	0.90	31.98		
	New Culverts								
	Cross Roads		3	6.00	1.50	1.20	32.40		
	New Kerb								
	ISAQ layout								
	1st Main Road		1	300.00	0.20	0.20	12.00		
	5th Cross Road		1	38.00	0.20	0.20	1.52		
	Shushilamma Layout 4th Cross Road		1	40.00	0.20	0.20	1.60		
	Kerb For Dameged Portion								
	ISAQ layout 1st Main road		1	78.00	0.20	0.20	3.12		
	Shushilamma layout 1st Main Road		2	70.00	0.20	0.20	5.60		
	4th Cross Road		1	10.00	0.20	0.20	0.40		
	Deduction of Existing Drain								
	ISAQ layout								
	1st Main Road Left Side		1	300.00	0.60	0.40	-72.00		
	1st Main Road Right Side		1	273.00	0.60	0.40	-65.52		
	Shushilamma layout								
	1st Main Road		1	178.00	0.60	0.40	-42.72		
	Balaji Layout								
	7th Cross Road		1	42.00	0.60	0.45	-11.34		
	Desilting of drain								
	Balaji layout								
	1st Main road		1	311.00	0.60	0.30	55.98		
	1st Cross Road		2	70.00	0.60	0.30	25.20		
	2nd Cross Road	Cum	2	73.00	0.60	0.30	26.28		
	3rd Cross Road		2	75.00	0.60	0.30	27.00		
	4th Cross Road		2	74.00	0.60	0.30	26.64		
	5th Cross Road		2	73.00	0.60	0.30	26.28		
	6th Cross Road		2	73.00	0.60	0.30	26.28		
	7th Cross Road		1	74.00	0.60	0.25	11.10		
	8th Cross Road		2	70.00	0.60	0.30	25.20		
	Kenchanahalli								
	3rd Main Road		1	170.00	0.50	0.30	25.50		
	New CC Drain								
	Balaji layout								
	1st Main Road		1	270.00	1.00	0.90	243.00		
	2nd Main Road Left Side		1	67.00	1.00	0.90	60.30		
	2nd Main Road Right Side		1	51.00	1.00	0.90	45.90		
	prakruthi layout								
	1st Main Road Left Side		1	170.00	1.00	0.90	153.00		
	1st Main Road Right Side		1	138.00	1.00	0.90	124.20		
	Layout Main Road Near Lake		2	175.00	1.00	0.90	315.00		
	ISRO Layout								
	8th Main Road		1	490.00	1.00	0.90	441.00		
	New Kerb								
	Balaji layout								
	1st Main Road		2	270.00	0.20	0.20	21.60		
	prakruthi layout								
	1st Main Road Left Side		1	170.00	0.20	0.20	6.80		
	1st Main Road Right Side		1	138.00	0.20	0.20	5.52		
	New Culvert								
	Prakruthi layout Main Road		1	5.30	1.50	1.20	9.54		
	Kerb For Dameged Portion								
	Kenchenalli								
	Main Road		1	210.00	0.20	0.20	8.40		
	Deduction of Existing Drain								
	Balaji layout								
	1st Main Road		1	270.00	0.60	0.45	-72.90		

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	prakruthi layout								
	1st Main Road Left Side		1	170.00	0.60	0.45	-45.90		
	1st Main Road Right Side		1	138.00	0.60	0.45	-37.26		
	Desilting of drain								
	synika vihar layout								
	Kerb For Dameged Portion		2	130.00	0.45	0.25	29.25		
	5th Main Road (Sunil Mens Parlour Road)		1	160.00	0.45	0.25	18.00		
	4th Main Road (Rajapura Road)		1	159.00	0.45	0.25	17.89		
	sai vihar Layout								
	Balaji layout		1	350.00	0.45	0.30	47.25		
	1st Main Road		2	75.00	0.45	0.30	20.25		
	New CC Drain								
	synika vihar layout								
	1st Main Road		1	156.00	1.00	0.90	140.40		
	2nd Main Road Left Side		1	93.00	1.00	0.90	83.70		
	2nd Main Road Right Side		1	215.00	1.00	0.90	193.50		
	3rd Main Road		2	214.00	1.00	0.90	385.20		
	ISRO Layout								
	11th Main Road		2	205.00	1.00	0.90	369.00		
	New Culvert								
	Cross roads		2	8.00	1.50	1.20	28.80		
	Cross Roads		3	6.13	1.50	1.20	33.12		
	Deduction of Existing Drain								
	1st Main Road		1	156.00	0.60	0.45	-42.12		
	2nd Main Road Left Side		1	93.00	0.60	0.45	-25.11		
	2nd Main Road Right Side		1	211.00	0.60	0.45	-56.97		
	SFS 208								
	Desilting of Drain								
	Ch:00- 2001st Main Road (Park Surround Road)		2	200.00	0.50	0.25	50.00		
	Ch:200-600		2	400.00	0.50	0.25	100.00		
	Ch:600-800		2	200.00	0.50	0.25	50.00		
	Ch:800-1015 3rd Main Road		2	215.00	0.50	0.25	53.75		
	Ch: 00-230 2nd A main Road		2	230.00	0.50	0.25	57.50		
	New Culverts								
	Cross Roads		2	6.00	1.50	1.20	21.67		
	New Kerb								
	Ch:00- 2001st Main Road (Park Surround Road)		2	40.00	0.20	0.20	3.26		
	Ch:200-600		2	80.00	0.20	0.20	6.49		
	Ch:600-800		2	40.00	0.20	0.20	3.20		
	Ch:800-1015 3rd Main Road		2	43.00	0.20	0.20	3.44		
	Ch: 00-230 2nd A main Road		2	30.00	0.20	0.20	2.40		
						Total Qty	6206.86		-
						Qty as per Schedule-B	6206.86		-
						Qty upto 125%	0.00		-
		Cum				Qty as per Modified Estimate	6206.86	222.38	1,380,281.53
6	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. KPWD S.R 2018-19	It. No.		4.2	Pg No	13			
	Yelahanka New town 5th phase								
	New CC Drain								
	2nd Main Road		2	177.00	1.00	0.15	53.10		
	Connecting Road		1	306.00	1.00	0.15	45.90		
	New Culverts								
	Connecting Road		1	7.50	1.5	0.15	1.63		
			1	6.50	1.5	0.15	1.41		
	Kerb For Dameged Portion								
	2nd Cross Road		2	100.00	0.20	0.05	2.00		

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate In Rs.	Amount In Rs.
	2nd Main Road		2	110.00	0.20	0.05	2.20		
	Connecting Road		1	175.00	0.20	0.05	1.75		
	New CC Drain								
	surya vamshi Layout								
	Sri Veerashewara Swamy Nilaya Road		2	53.00	1.00	0.15	15.90		
	From Shri Ram Sahanna Appartment		1	110.00	1.00	0.15	16.50		
	ISRO Layout								
	Main Road Left Side		1	300.00	1.00	0.15	44.40		
	Main Road Right Side		1	335.00	1.00	0.15	49.59		
	11th A Main Road		1	158.00	1.00	0.15	23.70		
	New Kerb								
	ISRO Layout								
	Main Road Left Side		1	300.00	0.20	0.10	6.00		
	Main Road Right Side		1	335.00	0.20	0.10	6.70		
	New Culvert								
	ISRO Layout Main Road Right Side		1	11.40	1.50	0.15	2.57		
	6th Main Road		1	8.00	1.50	0.15	1.80		
	Cross Roads		5	8.00	1.50	0.15	9.00		
	New CC Drain								
	ISAQ layout								
	1st Main Road Left Side		1	300.00	1.00	0.15	45.00		
	1st Main Road Right Side		1	273.00	1.00	0.15	40.95		
	3rd Cross Road		1	36.00	1.00	0.15	5.40		
	4th Cross Road		2	37.00	1.00	0.15	11.10		
	5th Cross Road		1	38.00	1.00	0.15	5.70		
	Shushilamma layout								
	1st Main Road right Side		1	179.00	1.00	0.15	26.85		
	4th Cross Road		1	40.00	1.00	0.15	6.00		
	5th Cross Road		2	45.00	1.00	0.15	13.50		
	ISRO Layout								
	9th A Main Road		1	165.00	1.00	0.15	24.75		
	Anjaneya Swamy Temple Beside Road		1	190.00	1.00	0.15	28.50		
	Balaji Layout								
	7th Cross Road		1	43.00	1.00	0.15	6.45		
	surya vamshi Layout								
	3rd Cross Road		1	42.00	0.85	0.15	5.33		
	New Culverts								
	Cross Roads		3	6.00	1.50	0.15	4.05		
	New Kerb								
	ISAQ layout								
	1st Main Road								
	5th Cross Road		1	300.00	0.20	0.10	6.00		
	Shushilamma Layout 4th Cross Road	Cum	1	38.00	0.20	0.10	0.76		
	Kerb For Dameged Portion		1	40.00	0.20	0.10	0.80		
	ISAQ layout 1st Main road								
	Shushilamma layout 1st Main Road		1	78.00	0.20	0.05	0.78		
	4th Cross Road		2	70.00	0.20	0.05	1.40		
	New CC Drain		1	10.00	0.20	0.05	0.10		
	Balaji layout								
	1st Main Road								
	2nd Main Road Left Side		1	270.00	1.00	0.15	40.50		
	2nd Main Road Right Side		1	67.00	1.00	0.15	10.05		
	prakruthi layout		1	51.00	1.00	0.15	7.65		
	1st Main Road Left Side								
	1st Main Road Right Side		1	170.00	1.00	0.15	25.50		
	Layout Main Road Near Lake		1	138.00	1.00	0.15	20.70		
	ISRO Layout		2	175.00	1.00	0.15	52.50		
	8th Main Road								
	New Kerb		1	490.00	1.00	0.15	72.52		
	Balaji layout								
	1st Main Road								
	prakruthi layout		2	270.00	0.20	0.10	10.80		
	1st Main Road Left Side								
	1st Main Road Right Side		1	170.00	0.20	0.10	3.40		
	New Culvert		1	138.00	0.20	0.10	2.77		
	Prakruthi layout Main Road								
	Kerb For Dameged Portion		1	5.30	1.50	0.15	1.19		
	Kenchenalli								

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	Main Road		1	210.00	0.20	0.10	4.20		
	New CC Drain								
	synika vihar layout								
	1st Main Road		1	156.00	1.00	0.15	23.40		
	2nd Main Road Left Side		1	93.00	1.00	0.15	13.95		
	2nd Main Road Right Side		1	215.00	1.00	0.15	32.25		
	3rd Main Road		2	214.00	1.00	0.15	64.20		
	ISRO Layout								
	11th Main Road		2	205.00	1.00	0.15	61.50		
	New Culvert								
	Cross roads		2	8.00	1.50	0.15	3.60		
	Cross Roads		3	6.13	1.50	0.15	4.14		
	SFS 208								
	New Culverts								
	Cross Roads		2	6.00	1.50	0.15	2.70		
	New Kerb								
	Ch:00- 2001st Main Road (Park Surround Road)		2	40.00	0.20	0.10	1.60		
	Ch:200-600		2	80.00	0.20	0.10	3.20		
	Ch:600-800		2	40.00	0.20	0.10	1.60		
	Ch:800-1015 3rd Main Road		2	43.00	0.20	0.10	1.72		
	Ch: 00-230 2nd A main Road		2	30.00	0.20	0.10	1.20		
						Total Qty	984.41		-
						Qty as per Schedule-B	984.41		-
						Qty upto 125%	0.00		
		Cum				Qty as per Modified Estimate	984.41	5780.92	5,690,795.46
7	KSRRB M2200-6. Providing TMT Bars Fe 500 steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.								
	KPWD S.R 2018-19	It. No.		28.8.2	Pg No.	229			
	Yelahanka New town 5th phase								
	For CC Drain (60 Kg/Cum)		1	13.66			13.66		
	For Culvert (90 Kg/Cum)		1	0.99			0.99		
	ISRO Layout, Suryavamshi Layout								
	For CC Drain (60 Kg/Cum)		1	20.93			20.93		
	For Culvert (90 Kg/Cum)		1	4.29			4.29		
	ISAQ Layout, Sushilamma Layout, ISRO Layout, Balaji Layout								
	For CC Drain (60 Kg/Cum)		1	30.37			30.37		
	For Culvert (90 Kg/Cum)	Tonne	1	1.28			1.28		
	Balaji Layout, Prakruthi Layout								
	For CC Drain (60 Kg/Cum)		1	31.80			31.80		
	For Culvert (90 Kg/Cum)		1	0.39			0.39		
	Synik Vihar Layout, ISRO Layout								
	For CC Drain (60 Kg/Cum)		1	26.95			26.95		
	For Culvert (90 Kg/Cum)		1	2.54			2.54		
	SFS 208								
	For Culvert (90 Kg/Cum)		1	0.85			0.85		
						Total Qty	134.05		-
						Qty as per Schedule-B	134.05		-
						Qty upto 125%	0.00		-
		MT				Qty as per Modified Estimate	134.05	75943.33	10,180,203.39
8	Providing and laying plain/reinforced cement concrete for side drains Wall & bottom thickness 15cm using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500,1700, 2200. Including cost of materials, labour, HOM complete as per specifications.								
	KPWD S.R 2018-19	It. No.		37.59.2	Pg No.	271			
	Yelahanka New town 5th phase								
	New CC Drain								
	Bottom Slab								
	2nd Main Road		2	1	177.00	0.90	0.15	47.79	

Sl. No	Description of Work	Unit	No		Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	Connecting Road		1	1	306.00	0.90	0.15	41.31		
	Side Wall									
	2nd Main Road		2	2	177.00	0.15	0.70	74.34		
	Connecting Road		1	2	306.00	0.15	0.70	64.26		
	New Culvert									
	Bottom Slab Connecting Road		1	1	7.50	1.45	0.25	2.72		
			1	1	6.50	1.50	0.25	2.44		
	Side Wall Connecting Road		1	2	7.50	0.23	0.90	3.11		
			1	2	6.50	0.23	0.90	2.69		
	New CC Drain									
	Bottom Slab									
	surya vamshi Layout									
	Sri Veerashewara Swamy Nilaya Road		2	1	53.00	0.90	0.15	14.31		
	From Shri Ram Sahanna Appartment		1	1	110.00	0.90	0.15	14.85		
	ISRO Layout									
	Main Road Left Side		1	1	300.00	0.90	0.15	40.50		
	Main Road Right Side		1	1	335.00	0.90	0.15	45.23		
	11th A Main Road		1	1	158.00	0.90	0.15	20.72		
	New Culvert									
	ISRO Layout Main Road Right Side		1	1	11.40	1.50	0.25	4.28		
	6th Main Road		1	1	8.00	1.50	0.25	3.00		
	Cross Roads		5	1	8.00	1.50	0.25	15.00		
	Side wall									
	surya vamshi Layout									
	Sri Veerashewara Swamy Nilaya Road		2	2	53.00	0.15	0.70	22.26		
	From Shri Ram Sahanna Appartment		1	2	110.00	0.15	0.70	23.10		
	ISRO Layout									
	Main Road Left Side		1	2	300.00	0.15	0.70	63.00		
	Main Road Right Side		1	2	335.00	0.15	0.70	70.35		
	11th A Main Road		1	2	158.00	0.15	0.70	33.18		
	New Culvert									
	ISRO Layout Main Road Right Side		1	2	11.40	0.25	0.90	5.13		
	6th Main Road		1	2	8.00	0.25	0.90	3.60		
	cross Roads		5	2	8.00	0.23	0.90	16.65		
	New CC Drain									
	Bottom Slab									
	ISAQ layout									
	1st Main Road Left Side		1	1	300.00	0.90	0.15	40.50		
	1st Main Road Right Side		1	1	273.00	0.90	0.15	36.86		
	3rd Cross Road		1	1	36.00	0.90	0.15	4.86		
	4th Cross Road		2	1	37.00	0.90	0.15	9.99		
	5th Cross Road		1	1	38.00	0.90	0.15	5.13		
	Shushilamma layout									
	1st Main Road right Side		1	1	179.00	0.90	0.15	24.17		
	4th Cross Road		1	1	40.00	0.90	0.15	5.40		
	5th Cross Road		2	1	45.00	0.90	0.15	12.15		
	ISRO Layout									
	9th A Main Road		1	1	165.00	0.90	0.15	22.28		
	Anjaneya Swamy Temple Beside Road		1	1	190.00	0.90	0.15	25.65		
	Balaji Layout									
	7th Cross Road		1	1	43.00	0.90	0.15	5.81		
	surya vamshi Layout									
	3rd Cross Road		1	1	42.00	0.75	0.15	4.73		
	Side Wall									
	ISAQ layout									
	1st Main Road Left Side		1	2	300.00	0.15	0.70	63.00		
	1st Main Road Right Side		1	2	273.00	0.15	0.70	57.33		
	3rd Cross Road		1	2	36.00	0.15	0.70	7.56		
	4th Cross Road		2	2	37.00	0.15	0.70	15.54		
	5th Cross Road		1	2	38.00	0.15	0.70	7.98		
	Shushilamma layout									
	1st Main Road right Side		1	2	179.00	0.15	0.70	37.59		
	4th Cross Road		1	2	40.00	0.15	0.70	8.40		
	5th Cross Road		2	2	45.00	0.15	0.70	18.90		
	ISRO Layout	Cum								
	9th A Main Road		1	2	165.00	0.15	0.70	34.65		
	Anjaneya Swamy Temple Beside Road		1	2	190.00	0.15	0.70	39.90		
	Balaji Layout									

Sl. No	Description of Work	Unit	No		Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	7th Cross Road									
	surya vamshi Layout		1	2	43.00	0.15	0.70	9.03		
	3rd Cross Road									
	New Culverts		1	2	42.00	0.15	0.70	8.82		
	Bottom Slab									
	Side Wall		3	1	6.00	1.50	0.25	6.75		
	New CC Drain		3	2	6.00	0.23	0.90	7.45		
	Balaji layout									
	1st Main Road									
	2nd Main Road Left Side		1	1	270.00	0.90	0.15	36.45		
	2nd Main Road Right Side		1	1	67.00	0.90	0.15	9.05		
	prakruthi layout		1	1	51.00	0.90	0.15	6.89		
	1st Main Road Left Side									
	1st Main Road Right Side		1	1	170.00	0.90	0.15	22.95		
	Layout Main Road Near Lake		1	1	138.00	0.90	0.15	18.63		
	ISRO Layout		2	1	175.00	0.90	0.15	47.25		
	8th Main Road									
	Side wall		1	1	490.00	0.90	0.15	66.15		
	Balaji layout									
	1st Main Road									
	2nd Main Road Left Side		1	2	270.00	0.15	0.70	56.70		
	2nd Main Road Right Side		1	2	67.00	0.15	0.70	14.07		
	prakruthi layout		1	2	51.00	0.15	0.70	10.71		
	1st Main Road Left Side									
	1st Main Road Right Side		1	2	170.00	0.15	0.70	35.70		
	Layout Main Road Near Lake		1	2	138.00	0.15	0.70	28.98		
	ISRO Layout		2	2	175.00	0.15	0.70	73.50		
	8th Main Road									
	New Culvert		1	2	490.00	0.15	0.70	102.90		
	Bottom Slab									
	side wall		1	1	5.30	1.50	0.25	1.99		
	New CC Drain		1	2	5.30	0.25	0.90	2.39		
	Bottom Slab									
	synika vihar layout									
	1st Main Road									
	2nd Main Road Left Side		1	1	156.00	0.90	0.15	21.06		
	2nd Main Road Right Side		1	1	93.00	0.90	0.15	12.56		
	3rd Main Road		1	1	215.00	0.90	0.15	29.03		
	ISRO Layout		2	1	214.00	0.90	0.15	57.78		
	11th Main Road									
	Side wall		2	1	205.00	0.90	0.15	55.35		
	synika vihar layout									
	1st Main Road									
	2nd Main Road Left Side		1	2	156.00	0.15	0.70	32.76		
	2nd Main Road Right Side		1	2	93.00	0.15	0.70	19.53		
	3rd Main Road		1	2	215.00	0.15	0.70	45.15		
	ISRO Layout		2	2	214.00	0.15	0.70	89.88		
	11th Main Road									
	New Culvert		2	2	205.00	0.15	0.70	86.10		
	Bottom Bed									
	Cross Roads									
	Cross Roads		2	1	8.00	1.50	0.25	5.96		
	Side wall		3	1	6.13	1.50	0.25	6.82		
	Cross Roads									
	Cross Roads		2	2	8.00	0.25	0.90	7.20		
	SFS 208		3	2	6.13	0.25	0.90	8.28		
	New Culverts									
	Bottom Slab									
	Side Walls		2	1	6.00	1.50	0.25	4.50		
			2	2	6.00	0.23	0.90	4.97		
							Total Qty	2175.48		
							Qty as per Schedule-B	2175.48		-
							Qty upto 125%	0.00		-
		cum					Qty as per Modified Estimate	2175.48	7423.71	16,150,132.63

Sl. No	Description of Work	Unit	No	Dimension			Quantity	Rate in Rs.	Amount in Rs.
				L	B	D			
9	Supplying and fixing precast reinforced concrete slab 10 cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mm C/c both ways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of cost of all materials(data Rate enclosed)								
	Approved Data Rate								
	Yelahanka New town 5th phase								
	New CC Drain								
	2nd Main Road		2	86.00	0.90		154.80		
	Connecting Road		1	112.00	0.90		100.80		
	Cover slab for dameged Portion								
	2nd Cross Road		2	63.00	0.90		113.40		
	CC Drain								
	surya vamshi Layout								
	Sri Veerashewara Swamy Nilaya Road		2	53.00	0.90		95.40		
	From Shri Ram Sahanna Appartment		1	110.00	0.90		99.00		
	ISRO Layout								
	Main Road Left Side		1	300.00	0.90		270.00		
	Main Road Right Side		1	335.00	0.90		301.50		
	11th A Main Road		1	158.00	0.90		142.20		
	New CC Drain								
	ISAQ layout								
	1st Main Road Left Side		1	300.00	0.90		270.00		
	1st Main Road Right Side		1	273.00	0.90		245.70		
	3rd Cross Road		1	36.00	0.90		32.40		
	4th Cross Road		2	37.00	0.90		66.60		
	5th Cross Road		1	38.00	0.90		34.20		
	Shushilamma layout								
	1st Main Road right Side		1	179.00	0.90		161.10		
	4th Cross Road		1	40.00	0.90		36.00		
	5th Cross Road		2	45.00	0.90		81.00		
	ISRO Layout								
	9th A Main Road		1	165.00	0.90		148.50		
	Anjaneya Swamy Temple Beside Road		1	190.00	0.90		171.00		
	Balaji Layout								
	7th Cross Road		1	43.00	0.90		38.70		
	surya vamshi Layout								
	3rd Cross Road		1	42.00	0.90		37.80		
	Cover Slab For Dameged Portion								
	Shushilamma layout								
	1st Main Road Left Side		1	61.00	0.90		54.90		
	New CC Drain								
	Balaji layout								
	1st Main Road		1	270.00	0.90		243.00		
	2nd Main Road Left Side		1	67.00	0.90		60.30		
	2nd Main Road Right Side		1	51.00	0.90		45.90		
	prakruthi layout								
	1st Main Road Left Side		1	170.00	0.90		153.00		
	1st Main Road Right Side	Sqm	1	138.00	0.90		124.20		
	Layout Main Road Near Lake		2	175.00	0.90		315.00		
	ISRO Layout								
	8th Main Road		1	490.00	0.90		441.00		
	Cover Slab for Dameged Portion								
	Balaji layout								
	1st Main road		1	47.00	0.90		42.30		
	1st Cross Road		2	15.00	0.90		27.00		
	2nd Cross Road		2	15.00	0.90		27.00		
	3rd Cross Road		2	15.00	0.90		27.00		
	4th Cross Road		2	12.00	0.90		21.60		
	5th Cross Road		2	13.00	0.90		23.40		
	6th Cross Road		2	13.00	0.90		23.40		
	7th Cross Road		1	14.00	0.90		12.60		
	8th Cross Road		2	10.00	0.90		18.00		
	Kenchanahalli								
	3rd Main Road		1	10.00	0.90		9.00		
	New CC Drain								
	synika vihar layout								
	1st Main Road		1	156.00	0.90		140.40		
	2nd Main Road Left Side		1	93.00	0.90		83.70		
	2nd Main Road Right Side		1	215.00	0.90		193.50		

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	3rd Main Road								
	ISRO Layout		2	214.00	0.90		385.20		
	11th Main Road								
	Cover Slab For damged Portion		2	205.00	0.90		369.00		
	synika vihar layout								
	2nd Main Road Left Side		2	35.00	0.90		63.00		
	5th Main Road (Sunil Mens Parlour Road)		1	44.00	0.90		39.60		
	4th Main Road (Rajapura Road)		1	62.00	0.90		55.80		
	sal vihar Layout								
	5th cross Road		1	90.00	0.90		81.00		
	2nd cross Road		2	15.00	0.90		27.00		
	SFS 208								
	Damaged Portion of Drain								
	Ch:00- 2001st Main Road (Park Surround Road)		2	30.00	0.90		54.00		
	Ch:200-600		2	50.00	0.90		90.00		
	Ch:600-800		2	40.00	0.90		72.00		
	Ch:800-1015 3rd Main Road		2	43.00	0.90		77.40		
	Ch: 00-230 2nd A main Road		2	20.00	0.90		36.00		
						Total Qty	6036.30		
						Qty as per Schedule-B	6036.30		-
						Qty upto 125%	0.00		-
		Sqm				Qty as per Modified Estimate	6036.30	2453.85	14,812,174.76
10	Providing and laying Pre Cast Drain Cover slabs of 250mm thick of mix M20 using graded granite jelly 20mm down size with steel reinforcement, including from work, lift charges, curing and concrete finished surfaces on both side etc. complete and as per drawing and direction of Engineer-in-charge of work (data Rate enclosed)								
	Approved Data Rate								
	Yelahanka New town 5th phase								
	New Culverts								
	Connecting Road		1	7.50	1.50		11.25		
			1	6.50	1.50		9.75		
	New Culvert								
	ISRO Layout Main Road Right Side		1	11.40	1.50		17.10		
	6th Main Road		1	8.00	1.50		12.00		
	Cross Roads		5	8.00	1.50		60.00		
	ISAQ layout								
	New Culverts								
	Cross roads		3	6.00	1.50		27.00		
	ISRO Layout	Sqm							
	Prakruthi layout Main Road		1	5.30	1.50		7.95		
	synika vihar layout								
	Cross roads		2	8.00	1.50		24.00		
	Cross Roads		3	6.13	1.50		27.60		
	SFS 208								
	New Culverts								
	Cross Roads		2	6.00	1.50		18.00		
						Total Qty	214.65		
						Qty as per Schedule-B	214.65		-
						Qty upto 125%	0.00		-
		Sqm				Qty as per Modified Estimate	214.65	5688.90	1,221,122.39
11	Providing and fixing Pre cast solid concrete kerb stones of size 450 x 200 x 400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete. KPWD S.R 2018-19								
		It. No	5.29.1		Pg No.	27			
	Yelahanka New town 5th phase								
	New Kerb for Damaged Portion (mts/kerb length=no's of kerb)								
	2nd Cross Road								
	2nd Main Road		2	223.00			446.00		
	Connecting Road		2	245.00			490.00		
	ISRO Layout		1	389.00			389.00		
	Main Road Left Side								
	Main Road Right Side		1	667.00			667.00		
	ISAQ layout		1	746.00			746.00		
	1st Main Road Left Side								
	Shushilamma Layout 4th Cross Road		1	667.00			667.00		
	Kerb For Dameged Portion		1	89.00			89.00		

Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate In Rs.	Amount In Rs.
	ISAQ layout								
	1st Main Road Right Side		1	174.00			174.00		
	5th Cross Road		1	85.00			85.00		
	Shushilamma layout								
	1st Main Road	Nos	2	156.00			312.00		
	4th Cross Road		1	23.00			23.00		
	Balaji layout								
	1st Main Road		2	600.00			1200.00		
	Prakruthi layout Main Road								
	1st Main Road Left Side		1	378.00			378.00		
	1st Main Road Right Side		1	307.00			307.00		
	Kerb For Dameged Portion								
	Kenchenalli								
	Main Road		1	467.00			467.00		
	SFS 208								
	Ch:00- 2001st Main Road (Park Surround Road)		2	89			178		
	Ch:200-600		2	178			356		
	Ch:600-800		2	89			178		
	Ch:800-1015 3rd Main Road		2	96			192		
	Ch: 00-230 2nd A main Road		2	67			134		
						Total Qty	7478.00		
						Qty as per Schedule-B	7478.00		-
						Qty upto 125%	0.00		-
		Nos				Qty as per Modified Estimate	7478.00	500.85	3,745,356.30
12	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8								
	KPWD S R 2018-19	It. No.		24.1.		Pg No.	180		
	Painting for Kerb								
	Yelahanka New town 5th phase								
	2nd Cross Road		2	230.00		0.50	230.00		
	2nd Main Road		2	177.00		0.50	177.00		
	Connecting Road		1	306.00		0.50	153.00		
	ISRO Layout								
	Main Road Left Side		1	300.00		0.50	150.00		
	Main Road Right Side		1	335.00		0.50	167.50		
	ISAQ layout								
	1st Main Road Left Side		1	300.00		0.50	150.00		
	5th Cross Road		1	38.00		0.50	19.00		
	1st Main Road Right Side		1	273.00		0.50	136.50		
	Shushilamma layout								
	1st Main Road		2	185.00		0.50	185.00		
	4th Cross Road		1	23.00		0.50	11.50		
	Balaji layout	Sqm							
	1st Main Road		2	270.00		0.50	270.00		
	cross Road		1	61.00		0.50	30.50		
	Prakruthi Layout								
	1st Main Road Left Side		1	170.00		0.50	85.00		
	1st Main Road Right Side		1	138.00		0.50	69.00		
	Kenchenalll								
	Main Road		1	630.00		0.50	315.00		
	SFS 208								
	Ch:00- 2001st Main Road (Park Surround Road)		2	200.00	0.50		200.00		
	Ch:200-600		2	400.00	0.50		400.00		
	Ch:600-800		2	200.00	0.50		200.00		
	Ch:800-1015 3rd Main Road		2	215.00	0.50		215.00		
	Ch: 00-230 2nd A main Road		2	230.00	0.50		230.00		
						Total Qty	3394.00		
						Qty as per Schedule-B	3394.00		-
						Qty upto 125%	0.00		-
		Sqm				Qty as per Modified Estimate	3394.00	89.04	302,201.76

Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
13	KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by mechanical means attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM complete as per specifications. MORTH I Chapter 3								
	KPWD S.R 2018-19	It. No		19.56	Pg No.	146			
	Scarifying								
	ISRO Layout								
	1st Main Road								
	Shushilamma layout		1	313.00	1.50		469.50		
	1st Cross Road	0							
	9th A main road		1	15.00	4.60		69.00		
			1	173.00	3.50		605.50		
						Total Qty	1144.00		
						Qty as per Schedule-B	1144.00		-
						Qty upto 125%	0.00		-
		Sqm				Qty as per Modified Estimate	1144.00	57.66	65,963.04
14	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications.								
	KPWD S.R 2018-19	It. No.		19.14	Pg No.	143			
	Earth for Road								
	ISRO Layout								
	1st Main Road								
	1st Main Entrance		2	409.00	4.50	0.30	1104.30		
	ISAQ layout		1	64.00	6.50	0.30	124.80		
	1st Main road								
	4th Cross Road		1	360.00	3.00	0.30	324.00		
	5th Cross Road		1	36.00	4.30	0.30	46.44		
	Shushilamma layout		1	35.00	4.70	0.30	49.35		
	1st Cross Road								
	4th Cross Road		1	15.00	4.60	0.30	20.70		
	ISRO Layout		1	48.00	4.50	0.30	64.80		
	9th A main road								
	Balaji Layout		1	173.00	4.70	0.25	204.06		
	1st Main road								
	8th Cross Road		1	321.00	2.50	0.30	240.75		
	New BC Road		1	71.00	3.00	0.30	63.90		
	synika vihar layout								
	3rd Main Road								
	4th Main Road (Rajapura Road)		1	213.00	5.10	0.30	325.89		
	5th Main Road (Sunil Mens Parlour Road)		1	177.00	5.30	0.30	281.43		
	Sri Guru Krupa House Road		1	164.00	5.25	0.30	258.30		
			1	49.00	4.70	0.30	69.09		
						Total Qty	3177.81		
						Qty as per Schedule-B	2549.16		-
						Qty upto 125%	628.65		-
		Cum				Qty as per Modified Estimate	3177.81	59.88	190,287.26
15	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregatesof granite/trap/basalt material, mixing by mix in place method by rotavator at OMC, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.								
	KPWD S.R 2018-19	It. No		20.60	Pg No.	153			
	GSB								
	ISRO Layout								
	1st Main Road								
	1st Main Entrance		2	409.00	4.50	0.15	552.15		
	ISAQ layout		1	64.00	6.50	0.15	62.40		
	1st Main road								
	4th Cross Road		1	360.00	3.00	0.15	162.00		
	5th Cross Road		1	36.00	4.30	0.10	15.48		
	Shushilamma layout		1	35.00	4.70	0.10	16.45		
	4th Cross Road								
	ISRO Layout		1	48.00	4.50	0.15	32.40		
	9th A Main Road	Cum							
	Balaji Layout		1	173.00	5.00	0.15	129.75		
	1st Main road								
	8th Cross Road		1	321.00	2.50	0.15	120.38		
	synika vihar layout		1	71.00	3.00	0.15	31.95		
	3rd Main Road								
			1	213.00	5.10	0.15	162.95		

Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate In Rs.	Amount In Rs.
	4th Main Road (Rajapura Road)		1	177.00	5.30	0.15	140.72		
	5th Main Road (Sunil Mens Parlour Road)		1	164.00	5.25	0.148	127.75		
	Sri Guru Krupa House Road		1	49.00	4.70	0.15	34.55		
						Total Qty	1588.90		
						Qty as per Schedule-B	1274.58		-
						Qty upto 125%	314.32		-
		Cum				Qty as per Modified Estimate	1588.90	1947.75	3,094,779.98
16	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406								
	KPWD S R 2018-19	It. No.		20.18		Pg No. 155			
	Wet Mix								
	ISRO Layout								
	1st Main Road		2	409.00	4.50	0.20	736.20		
	1st Main Entrance		1	64.00	6.50	0.20	83.20		
	ISAQ layout								
	1st Main road		1	360.00	3.00	0.15	162.00		
	4th Cross Road		1	36.00	4.30	0.20	30.96		
	5th Cross Road		1	35.00	4.70	0.20	32.90		
	Shushilamma layout								
	1st Cross Road		1	30.00	4.60	0.20	27.60		
	4th Cross Road		1	48.00	4.50	0.20	43.20		
	ISRO Layout	Cum							
	9th A Main Road		1	173.00	5.00	0.15	129.75		
	Balaji Layout								
	1st Main road		1	321.00	2.50	0.15	120.38		
	8th Cross Road		1	71.00	3.00	0.15	31.95		
	synika vihar layout								
	3rd Main Road		1	213.00	5.10	0.20	217.26		
	4th Main Road (Rajapura Road)		1	177.00	5.30	0.20	187.62		
	5th Main Road (Sunil Mens Parlour Road)		1	164.00	5.25	0.20	172.05		
	Sri Guru Krupa House Road		1	49.00	4.70	0.15	34.55		
	Culvert Approach		5	6.40	0.65	0.20	4.16		
						Total Qty	2013.76		
						Qty as per Schedule-B	1699.44		-
						Qty upto 125%	314.32		-
		Cum				Qty as per Modified Estimate	2013.76	2101.34	4,231,594.44
17	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.MORTH I Chapter 3								
	KPWD S R 2018-19	It. No.		19.64		Pg No. 147			
	Compaction								
	ISRO Layout								
	1st Main Road		2	409.00	4.30		3517.40		
	1st Main Entrance		1	50.00	6.52		325.80		
	ISAQ layout								
	1st Main road		1	360.00	3.00		1080.00		
	4th Cross Road		1	36.00	4.30		154.80		
	5th Cross Road		1	35.00	4.70		164.50		
	Shushilamma layout								
	1st Cross Road		1	30.00	4.60		138.00		
	4th Cross Road		1	48.00	4.50		216.00		
	ISRO Layout	Sqm							
	9th A Main Road		1	173.00	5.00		865.00		
	Balaji Layout								
	1st Main road		1	321.00	2.50		802.50		
	8th Cross Road		1	71.00	3.00		213.00		
	synika vihar layout								
	3rd Main Road		1	213.00	5.10		1086.30		
	4th Main Road (Rajapura Road)		1	177.00	5.30		938.10		
	5th Main Road (Sunil Mens Parlour Road)		1	164.00	5.25		861.00		
	Sri Guru Krupa House Road		1	49.00	4.70		230.30		
						Total Qty	10592.70		
						Qty as per Schedule-B	8497.20		-
						Qty upto 125%	2095.50		-
		Sqm				Qty as per Modified Estimate	10592.70	6.68	70,759.24

Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
18	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.Clause 502 of MORTH V revision								
	KPWD S.R 2018-19	It. No.	21.6	Pg No.	158				
	Yelahanka New town 5th phase								
	Prime Coat For Profile Correction								
	Consider 15% in total Road Area								
	ISRO Layout		1	957.53			957.53		
	1st Main Road								
	1st Main Entrance		2	409.00	4.50		3681.00		
	Prime Coat For Profile Correction		1	64.00	6.50		416.00		
	Consider 15% in total Road Area (4715.80-335.8=4380*15%)		1	4380.00			657.00		
	ISAQ layout								
	1st Main road		1	360.00	3.00		1080.00		
	4th Cross Road		1	36.00	4.30		154.80		
	5th Cross Road		1	35.00	4.70		164.50		
	Shushilamma layout								
	1st Cross Road		1	30.00	4.60		138.00		
	4th Cross Road	Sqm	1	48.00	4.50		216.00		
	ISRO Layout								
	9th A Main Road		1	173.00	5.00		865.00		
	DBM for Profile Correction								
	Consider 15% in Total Area		1	5240.10			786.02		
	Balaji Layout								
	Consider 15% in Total Area		1	6689.40			1003.41		
	synika vihar layout								
	3rd Main Road		1	213.00	5.10		1086.30		
	4th Main Road (Rajapura Road)		1	177.00	5.30		938.10		
	5th Main Road (Sunil Mens Parlour Road)		1	164.00	5.25		861.48		
	Sri Guru Krupa House Road		1	49.00	4.70		230.30		
	Culvert Approach		5	6.40	0.62		19.84		
	Approach Roads		2	6.00	6.42		77.06		
	SFS 208								
	Consider 15% in Total Area		1	10240.15			1536.02		
						Total Qty	14868.36		
						Qty as per Schedule-B	13863.36		-
						Qty upto 125%	1005.00		-
		Sqm				Qty as per Modified Estimate	14868.36	35.62	529,610.98
19	KSRRB 500-2. Cleaning the existing black topped surface with Sqm brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications. Clause 501 of MORTH V revision								
	KPWD S.R 2018-19	It. No.	21.20	Pg No.	158				
	Cleaning								
	Yelahanka New town 5th phase								
	Ch:00-230 1st Cross Road		1	230.00	7.00		1610.00		
	Ch:00-70 2nd Cross Road		1	70.00	8.80		616.00		
	Ch:70-193		1	123.00	8.50		1045.50		
	Ch:00-190 2nd main Road		1	190.00	6.80		1292.00		
	Ch:00-70 Connecting Road		1	70.00	8.00		560.00		
	Ch:70-280		1	210.00	6.00		1260.00		
	ISRO Layout								
	1st Main Road		1	409.00	10.20		4171.80		
	1st Main Entrance		1	64.00	8.50		544.00		
	ISAQ layout								
	1st Main Road		1	360.00	7.20		2592.00		
	Shushilamma layout								
	1st Main road		1	270.00	5.45		1471.50		
	3rd Cross Road		1	48.00	4.70		225.60		
	5th Cross Road		1	40.00	4.20		168.00		
	6th Cross Road		1	42.00	4.40		184.80		
	7th Cross Road		1	41.00	4.00		164.00		
	8th Cross Road		1	78.00	3.90		304.20		
	Road Approches		2	10.00	6.50		130.00		
	Balaji layout								
	1st Main Road	Sqm	1	321.00	6.10		1958.10		
	1st Cross Road		1	74.00	5.40		399.60		
	2nd Cross Road		1	75.00	5.00		375.00		

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate In Rs.	Amount In Rs.
	3rd Cross Road		1	77.00	5.60		431.20		
	4th Cross Road		1	76.00	5.30		402.80		
	5th Cross Road		1	75.00	4.70		352.50		
	6th Cross Road		1	75.00	4.90		367.50		
	7th Cross Road		1	74.00	4.90		362.60		
	8th Cross Road		1	71.00	5.10		362.10		
	Prakruthi Layout								
	Ch:00-180 1st Main Road		1	180.00	5.10		918.00		
	Kenchenalli								
	Masjid Road		1	160.00	4.75		760.00		
	SFS 208								
	2nd Main Road		1	225.00	7.90		1777.50		
	1st Main Road Ch:00-150		1	150.00	9.45		1417.50		
	Ch:150-296		1	146.00	10.10		1474.60		
	Ch:296-464		1	168.00	8.75		1470.00		
	Ch:464-635		1	171.00	8.55		1462.05		
	3rd Main Road Ch:00-49		1	49.00	7.50		367.50		
	Ch:49-325		1	276.00	7.25		2001.00		
	Approach (Near Circle)		5	9.00	6.00		270.00		
						Total Qty	33268.95		
						Qty as per Schedule-B	35947.30		-
						Savings	2678.35		-
		Sqm				Qty as per Modified Estimate	33268.95	5.57	185,308.05
20	KSRRB M500-17. Providing and laying dense graded bituminous macadam using 120 TPH capacity Asphalt batch mix plant with sensor paver Gr-I I (50 mm to 75 mm) with 4.5 % VG-30 Bitumen crushed aggregates of specified grading; premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and ialignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision								
	KPWD S.R 2018-19	It. No	21.17.2		Pg No	160			
	Yelahanka New town 5th phase								
	Consider 15% in total Road Area		1	957.53		0.05	47.88		
	ISRO Layout								
	1st Main Road		2	409.00	4.50	0.05	184.05		
	1st Main Entrance		1	64.00	6.50	0.05	20.80		
	DBM For Profile Correction								
	Consider 15% in total Road Area		1	4380.00		0.05	32.85		
	ISAQ layout								
	1st Main road		1	360.00	3.00	0.05	54.00		
	4th Cross Road		1	36.00	4.30	0.05	7.74		
	5th Cross Road		1	35.00	4.70	0.05	8.23		
	Shushilamma layout								
	1st Cross Road		1	30.00	4.60	0.05	6.90		
	4th Cross Road		1	48.00	4.50	0.05	10.80		
	ISRO Layout								
	9th A Main Road		1	173.00	5.00	0.05	43.25		
	DBM for Profile Correction	Cum							
	Consider 15% in Total Area		1	5240.10		0.05	39.30		
	Balaji Layout								
	1st Main road		1	321.00	2.50	0.05	40.13		
	8th Cross Road		1	71.00	3.00	0.05	10.65		
	DBM for Profile Correction								
	Consider 15% in Total Area		1	6689.40		0.05	50.17		
	synika vihar layout								
	3rd Main Road		1	213.00	5.10	0.05	54.32		
	4th Main Road (Rajapura Road)		1	177.00	5.30	0.05	46.91		
	5th Main Road (Sunil Mens Parlour Road)		1	164.00	5.25	0.05	43.05		
	Sri Guru Krupa House Road		1	49.00	4.70	0.05	11.52		
	Culvert Approach		5	6.40	0.65	0.05	1.04		
	Approach Roads		2	6.00	6.42	0.05	3.85		
	SFS 208								
	Consider 15% in total Road Area		1	1536.02		0.05	76.80		
						Total Qty	794.22		
						Qty as per Schedule-B	693.20		-
						Qty upto 125%	101.02		-
		Cum				Qty as per Modified Estimate	794.22	8001.36	6,354,840.14

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
21	KSRRB M500-10. Providing and applying tack coat using 80/100 grade bitumen(VG10) in boiler fitted with spray set distributor at the rate of 0.25 kg per sqm on the existing prepared bituminous surface (primed surface) cleaned with mechanical broom, complete as per specifications. Clause 503 of MORTH V revision								
	KPWD S R 2018-19								
	Tack coat	It. No.		21.7.		Pg No	158		
	Yelahanka New town 5th phase								
	Ch:00-230 1st Cross Road								
	Ch:00-70 2nd Cross Road		1	230.00	7.00		1610.00		
	Ch:70-193		1	70.00	8.80		616.00		
	Ch:00-190 2nd main Road		1	123.00	8.50		1045.50		
	Ch:00-70 Connecting Road		1	190.00	6.80		1292.00		
	Ch:70-280		1	70.00	8.00		560.00		
	ISRO Layout		1	210.00	6.00		1260.00		
	1st Main Road								
	1st Main Entrance		1	409.00	13.20		5398.80		
	ISAQ layout		1	64.00	12.00		768.00		
	1st main road								
	4th Cross Road		1	360.00	7.20		2592.00		
	5th Cross Road		1	36.00	4.30		154.80		
	Shushilamma layout		1	35.00	4.70		164.50		
	1st Main road								
	1st Cross Road		1	270.00	5.45		1471.50		
	3rd Cross Road		1	30.00	4.60		138.00		
	4th Cross Road		1	48.00	4.70		225.60		
	5th Cross Road		1	48.00	4.50		216.00		
	6th Cross Road		1	40.00	4.20		168.00		
	7th Cross Road		1	42.00	4.40		184.80		
	8th Cross Road		1	41.00	4.00		164.00		
	ISRO Layout		1	78.00	3.90		304.20		
	9th A Main Road								
	Road Approches		1	173.00	5.00		865.00		
	Balaji layout		2	10.00	6.50		130.00		
	1st Main Road								
	1st Cross Road		1	321.00	6.10		1959.38		
	2nd Cross Road	Sqm	1	74.00	5.40		399.90		
	3rd Cross Road		1	75.00	5.00		375.00		
	4th Cross Road		1	77.00	5.60		431.51		
	5th Cross Road		1	76.00	5.30		403.10		
	6th Cross Road		1	75.00	4.70		352.80		
	7th Cross Road		1	75.00	4.90		367.80		
	8th Cross Road		1	74.00	4.90		362.90		
	Prakruthi Layout		1	71.00	5.10		362.38		
	Ch:00-180 1st Main Road								
	Kenchenalli		1	180.00	5.10		918.59		
	Masjid Road								
	Road Approches		1	160.00	4.75		759.82		
	synika vihar layout		1	10.00	6.50		65.00		
	3rd Main Road								
	4th Main Road (Rajapura Road)		1	213.00	5.10		1087.30		
	5th Main Road (Sunil Mens Parlour Road)		1	177.00	5.30		938.10		
	Sri Guru Krupa House Road		1	164.00	5.25		860.18		
	Culvert Approach		1	49.00	4.70		230.30		
	Approach Roads		5	6.40	0.64		20.48		
	SFS 208		2	10.00	7.00		140.00		
	2nd Main Road								
	1st Main Road Ch:00-150		1	225.00	7.90		1777.50		
	Ch:150-296		1	150.00	9.45		1417.50		
	Ch:296-464		1	146.00	10.10		1474.60		
	Ch:464-635		1	168.00	8.75		1470.00		
	3rd Main Road Ch:00-49		1	171.00	8.55		1462.05		
	Ch:49-325		1	49.00	7.50		367.50		
	Approach (Near Circle)		1	276.00	7.25		2001.00		
			5	9.00	6.00		270.00		
						Total Qty	39603.40		
						Qty as per Schedule-B	45073.60		-
						Savings	5470.20		-
		Sqm				Qty as per Modified Estimate	39603.40	13.36	- 529,101.42

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate In Rs.	Amount In Rs.
22	Providing and laying bituminous concrete 40mm thick with hot mix plant, using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015.								
	KPWD S R 2018-19	Il. No	21.78.12		Pg No	171			
	BC Road								
	Yelahanka New town 5th phase								
	Ch:00-230 1st Cross Road		1	230.00	7.00	0.04	64.40		
	Ch:00-70 2nd Cross Road		1	70.00	8.80	0.04	24.64		
	Ch:70-193		1	123.00	8.50	0.04	41.82		
	Ch:00-190 2nd main Road		1	190.00	6.80	0.04	51.68		
	Ch:00-70 Connecting Road		1	70.00	8.00	0.04	22.40		
	Ch:70-280		1	210.00	6.00	0.04	50.40		
	ISRO Layout								
	1st Main Road		1	409.00	13.20	0.04	215.95		
	1st Main Entrance		1	64.00	12.00	0.04	30.72		
	ISAQ layout								
	1st main road		1	360.00	7.20	0.04	103.68		
	4th Cross Road		1	36.00	4.30	0.04	6.19		
	5th Cross Road		1	35.00	4.70	0.04	6.58		
	Shushilamma layout								
	1st Main road		1	270.00	5.45	0.04	58.86		
	1st Cross Road		1	30.00	4.60	0.04	5.52		
	3rd Cross Road		1	48.00	4.70	0.04	9.02		
	4th Cross Road		1	48.00	4.50	0.04	8.64		
	5th Cross Road		1	40.00	4.20	0.04	6.72		
	6th Cross Road		1	42.00	4.40	0.04	7.39		
	7th Cross Road		1	41.00	4.00	0.04	6.56		
	8th Cross Road		1	78.00	3.90	0.04	12.17		
	ISRO Layout								
	9th A Main Road		1	173.00	5.00	0.04	34.60		
	Road Approches		2	10.00	6.50	0.04	5.20		
	Balaji layout								
	1st Main Road		1	321.00	6.10	0.04	78.32		
	1st Cross Road	Cum	1	74.00	5.40	0.04	15.98		
	2nd Cross Road		1	75.00	5.00	0.04	15.00		
	3rd Cross Road		1	77.00	5.60	0.04	17.25		
	4th Cross Road		1	76.00	5.30	0.04	16.11		
	5th Cross Road		1	75.00	4.70	0.04	14.10		
	6th Cross Road		1	75.00	4.90	0.04	14.70		
	7th Cross Road		1	74.00	4.90	0.04	14.50		
	8th Cross Road		1	71.00	5.10	0.04	14.48		
	Prakruthi layout								
	Ch:00-180 1st Main Road		1	180.00	5.10	0.04	36.72		
	Kenchenalli								
	Masjid Road		1	160.00	4.75	0.04	30.37		
	Road Approches		1	10.00	6.50	0.04	2.60		
	synika vihar layout								
	3rd Main Road		1	213.00	5.10	0.04	43.45		
	4th Main Road (Rajapura Road)		1	177.00	5.30	0.04	37.52		
	5th Main Road (Sunil Mens Parlour Road)		1	164.00	5.25	0.04	34.43		
	Sri Guru Krupa House Road		1	49.00	4.70	0.04	8.98		
	Culvert Approach		5	6.40	0.72	0.04	0.92		
	Approach Roads		2	10.00	7.00	0.04	5.60		
	SFS 208								
	2nd Main Road		1	225.00	7.90	0.04	71.10		
	1st Main Road Ch:00-150		1	150.00	9.45	0.04	56.70		
	Ch:150-296		1	146.00	10.10	0.04	58.98		
	Ch:296-464		1	168.00	8.75	0.04	58.80		
	Ch:464-635		1	171.00	8.55	0.04	58.48		
	3rd Main Road Ch:00-49		1	49.00	7.50	0.04	14.70		
	Ch:49-325		1	276.00	7.30	0.04	80.59		
	Park Side (Near Circle)		1	45.00	6.00	0.04	10.80		
						Total Qty	1584.33		-
						Qty as per Schedule-B	1700.35		-
						Savings	116.02		-
		Cum				Qty as per Modified Estimate	1584.33	9134.39	14,471,888.11

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
23	KSRRB M800-13 Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 KPWD S R 2018-19	It. No.		24.15	Pg No.	182			
Edge lane									
Road Both Side									
Yelahanka New town 5th phase									
Ch:00-230 1st Cross Road			1	2	230.00	0.15	69.00		
Ch:00-70 2nd Cross Road			1	2	70.00	0.15	21.00		
Ch:70-193			1	2	123.00	0.15	36.90		
Ch:00-190 2nd main Road			1	2	190.00	0.15	57.00		
Ch:00-70 Connecting Road			1	2	70.00	0.15	21.00		
Ch:70-280			1	2	210.00	0.15	63.00		
Road Centre									
Yelahanka New town 5th phase									
Ch:00-230 1st Cross Road			1	1	115.00	0.10	11.50		
Ch:00-70 2nd Cross Road			1	1	35.00	0.10	3.50		
Ch:70-193			1	1	61.50	0.10	6.15		
Ch:00-190 2nd main Road			1	1	95.00	0.10	9.50		
Ch:00-70 Connecting Road			1	1	35.00	0.10	3.50		
Ch:70-280			1	1	105.00	0.10	10.50		
Edge lane									
Road Both Side									
ISRO Layout									
1st Main Road			1	2	409.00	0.15	122.70		
1st Main Entrance			1	2	64.00	0.15	19.20		
Road Centre									
1st Main Road			1		204.50	0.10	20.45		
1st Main Entrance			1		32.00	0.10	3.20		
Road Both Side									
ISAQ layout									
1st main road			1	2	360.00	0.15	108.00		
4th Cross Road			1	2	36.00	0.15	10.80		
5th Cross Road			1	2	35.00	0.15	10.50		
Shushilamma layout									
1st Main road			1	2	270.00	0.15	81.00		
1st Cross Road			1	2	30.00	0.15	9.00		
3rd Cross Road			1	2	48.00	0.15	14.40		
4th Cross Road			1	2	48.00	0.15	14.40		
5th Cross Road			1	2	40.00	0.15	12.00		
6th Cross Road			1	2	42.00	0.15	12.60		
7th Cross Road			1	2	41.00	0.15	12.30		
8th Cross Road			1	2	78.00	0.15	23.40		
ISRO Layout									
9th A Main Road			1	2	173.00	0.15	51.90		
Road Centre									
ISAQ layout									
1st main road			1		180.00	0.10	18.00		
4th Cross Road			1		18.00	0.10	1.80		
5th Cross Road			1		17.50	0.10	1.75		
Shushilamma layout									
1st Main road			1		135.00	0.10	13.50		
1st Cross Road			1		15.00	0.10	1.50		
3rd Cross Road			1		24.00	0.10	2.40		
4th Cross Road			1		24.00	0.10	2.40		
5th Cross Road			1		20.00	0.10	2.00		
6th Cross Road			1		21.00	0.10	2.10		
7th Cross Road			1		20.50	0.10	2.05		
8th Cross Road			1		39.00	0.10	3.90		
ISRO Layout									
9th A Main Road			1		86.50	0.10	8.65		
Zeebra Crossing			2	5	0.50	1.80	9.00		
Road Both Side									
Balaji layout									
1st Main Road			1	2	321.00	0.15	96.30		
1st Cross Road			1	2	74.00	0.15	22.20		
2nd Cross Road			1	2	75.00	0.15	22.50		
3rd Cross Road	Sqm		1	2	77.00	0.15	23.10		
4th Cross Road			1	2	76.00	0.15	22.80		

Sl. No	Description of Work	Unit	No		Dimension L	Dimension B	Dimension D	Quantity	Rate In Rs.	Amount In Rs.
	5th Cross Road		1	2	75.00	0.15		22.50		
	6th Cross Road		1	2	75.00	0.15		22.50		
	7th Cross Road		1	2	74.00	0.15		22.20		
	8th Cross Road		1	2	71.00	0.15		21.30		
	Prakruthi layout									
	Ch:00-180 1st Main Road		1	2	180.00	0.15		54.00		
	Kenchenalli									
	Masjid Road		1	2	160.00	0.15		48.00		
	Road Center									
	Balaji layout									
	1st Main Road									
	1st Cross Road		1		160.50	0.10		16.05		
	2nd Cross Road		1		37.00	0.10		3.70		
	3rd Cross Road		1		37.50	0.10		3.75		
	4th Cross Road		1		38.50	0.10		3.85		
	5th Cross Road		1		38.00	0.10		3.80		
	6th Cross Road		1		37.50	0.10		3.75		
	7th Cross Road		1		37.50	0.10		3.75		
	8th Cross Road		1		37.00	0.10		3.70		
	Prakruthi layout		1		35.50	0.10		3.55		
	Ch:00-180 1st Main Road									
	Kenchenalli		1		90.00	0.10		9.00		
	Masjid Road									
	Zeebra Crossing		1		80.00	0.10		8.00		
	Edge lane		3	6	1.80	0.50		16.20		
	Road Both Side									
	synika vihar layout									
	3rd Main Road									
	4th Main Road (Rajapura Road)		1	2	213.00	0.15		63.90		
	5th Main Road (Sunil Mens Parlour Road)		1	2	177.00	0.15		53.10		
	Sri Guru Krupa House Road		1	2	164.00	0.15		49.20		
	Road Centre		1	2	49.00	0.15		14.70		
	synika vihar layout									
	3rd Main Road									
	4th Main Road (Rajapura Road)		1		107.00	0.10		10.70		
	5th Main Road (Sunil Mens Parlour Road)		1		89.00	0.10		8.90		
	Sri Guru Krupa House Road		1		82.00	0.10		8.20		
	Edge lane		1		24.50	0.10		2.45		
	Road Both Side									
	2nd Main Road									
	1st Main Road Ch:00-150		1	2	225.00	0.15		67.50		
	Ch:150-296		1	2	150.00	0.15		45.00		
	Ch:296-464		1	2	146.00	0.15		43.80		
	Ch:464-635		1	2	168.00	0.15		50.40		
	3rd Main Road Ch:00-49		1	2	171.00	0.15		51.30		
	Ch:49-325		1	2	49.00	0.15		14.70		
	Park Side (Near Circle)		1	2	276.00	0.15		82.80		
	Road Centre		1	2	45.00	0.15		13.50		
	2nd Main Road									
	1st Main Road Ch:00-150		1	1	112.50	0.10		11.25		
	Ch:150-296		1	1	75.00	0.10		7.50		
	Ch:296-464		1	1	73.00	0.10		7.30		
	Ch:464-635		1	1	84.00	0.10		8.40		
	3rd Main Road Ch:00-49		1	1	85.50	0.10		8.55		
	Ch:49-325		1	1	24.50	0.10		2.45		
	Park Side (Near Circle)		1	1	276.00	0.10		27.60		
	Zebra Crossing		1	1	22.50	0.10		2.25		
	3rd Main Road									
	2nd Main Road		4	8	0.50	1.80		7.20		
			2	9	0.50	1.80		7.65		
							Total Qty	2034.25		
							Qty as per Schedule-B	2378.10		-
							Savings	343.85		-
		Sqm					Qty as per Modified Estimate	2034.25	477.48	971,313.69

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate In Rs.	Amount In Rs.
24	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 - DO III Dt 11.06.1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer. KPWD S.R 2018-19	It. No.	24.41	Pg No.	187					
	Road Both Side								
	Yelahanka New town 5th phase								
	Ch:00-230 1st Cross Road		58	2			116.00		
	Ch:00-70 2nd Cross Road		18	2			36.00		
	Ch:70-193		31	2			62.00		
	Ch:00-190 2nd main Road		48	2			96.00		
	Ch:00-70 Connecting Road		18	2			36.00		
	Ch:70-280		53	2			106.00		
	Road Centre								
	Yelahanka New town 5th phase								
	Ch:00-230 1st Cross Road		58	1			58.00		
	Ch:00-70 2nd Cross Road		18	1			18.00		
	Ch:70-193		31	1			31.00		
	Ch:00-190 2nd main Road		48	1			48.00		
	Ch:00-70 Connecting Road		18	1			18.00		
	Ch:70-280		53	1			53.00		
	Road Both Side								
	ISRO Layout								
	1st Main Road		120	2			240.00		
	1st Main Entrance		16	2			32.00		
	Road Centre								
	ISRO Layout								
	1st Main Road		120	1			120.00		
	1st Main Entrance		16	1			16.00		
	Road Both Side								
	ISAQ layout								
	1st main road		90	2			180.00		
	Shushilamma layout								
	1st Main road		68	2			136.00		
	ISRO Layout								
	9th A Main Road		44	2			88.00		
	Road Center								
	ISAQ layout								
	1st main road		90	1			90.00		
	Shushilamma layout								
	1st Main road		68	1			68.00		
	ISRO Layout								
	9th A Main Road		42	1			42.00		
	Zeebra Crossing								
	Road Both Side		5	2			10.00		
	Balaji layout	Nos							
	1st Main Road		80	2			160.00		
	Prakruthi layout								
	Ch:00-180 1st Main Road		45	2			90.00		
	Road Center								
	Balaji layout								
	1st Main Road		80				80.00		
	Prakruthi layout								
	Ch:00-180 1st Main Road		45				45.00		
	Road Both Side								
	synika vihar layout								
	3rd Main Road		53	2			106.00		
	4th Main Road (Rajapura Road)		44	2			88.00		
	5th Main Road (Sunil Mens Parlour Road)		41	2			82.00		
	Sri Guru Krupa House Road		12	2			24.00		
	Road Centre								

Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	synika vihar layout								
	3rd Main Road		52				52.00		
	4th Main Road (Rajapura Road)		43				43.00		
	5th Main Road (Sunil Mens Parlour Road)		40				40.00		
	Road Both Side								
	2nd Main Road		56 2				112.00		
	1st Main Road Ch 00-150		38 2				76.00		
	Ch:150-296		37 2				74.00		
	Ch:296-464		42 2				84.00		
	Ch:464-635		43 2				86.00		
	3rd Main Road Ch 00-49		12 2				24.00		
	Ch:49-346		69 2				138.00		
	Park Side (Near Circle)		11 2				22.00		
	Road Centre								
	2nd Main Road		56 1				56.00		
	1st Main Road Ch 00-150		38 1				38.00		
	Ch:150-296		37 1				37.00		
	Ch:296-464		42 1				42.00		
	Ch:464-635		43 1				43.00		
	3rd Main Road Ch 00-49		12 1				12.00		
	Ch:49-346		69 1				69.00		
	Park Side (Near Circle)		11 1				11.00		
	Zebra Crossing								
	3rd Main Road		4 16				64.00		
	2nd Main Road		2 17				34.00		
						Total Qty	3532.00		-
						Qty as per Schedule-B	3532.00		-
						Qty upto 125%	0.00		
		Nos				Qty as per Modified Estimate	3532.00	375.08	1,324,782.56
25	Supply and fixing of Retro Reflective Single Arrow Road Name Signboard of size 1600mm x 900mm made out of retro reflective sheeting conforming to Type XI standards of ASTM D 4956 - 09 & as per IRC 67-2012 for full back ground of blue colour & white letters and fixed over 4 mm thick Aluminium Composite Material sheet having minimum 0.5 mm thick Aluminium skin on both sides with back side painted grey colour and fixed over back support frame SS angle of 15mm x 20mm x 1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2 nos of vertical posts of 50 mm OD stainless steel pipe of 202 grade firmly fixed to the ground by means of properly designed foundation of size 450mm x 450mm x 600mm in 1:1.5:3 ratio cement concrete. The background shall be blue in color with letters and border in white, the item includes earthwork excavation, cost of all materials, loading, unloading, lead, lift, transportation etc., complete, as per direction of engineer incharge of work clause 6.9 of IRC 67-2012 for Type XI retro reflective sheeting from the sheeting manufacturer & a certified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for the retro reflective sheeting offered shall be submitted by the contractor for technical qualification in the tender.									
	KPWD S.R 2018-19	It. No	24.59	Pg No	190				
	SFS 208	sqm	3	1.60		0.90	4.32		
						Total Qty	4.32		
						Qty as per Schedule-B	4.32		-
						Qty upto 125%	0.00		-
		Sqm				Qty as per Modified Estimate	4.32	14799.56	63,934.10
26	Direction and Place Identification Signs with size morethan 0.9 Size Board. Providing and erecting direction and place identification retro -reflectorised sign as per IRC 67 made of high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 2 mm thick with area not exceeding 0.9 sqm supported on a mild steel single angle iron post 75 x 75 x 6 mm , 2 Nos. firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing.								
	KPWD S.R 2018-19	It. No	24.4	Pg No	180				
	Yelahanka New town 5th phase								
	Cross Roads		3	0.90		0.9	2.43		
	ISRO Layout								
	Cross Roads								
			8	0.90		0.9	6.48		
	ISAQ layout/Susheelamma Layout								
	Cross roads		4	0.90		0.90	3.24		
	Balaji layout /Prakruthi Layout	sqm							
	Cross Roads		3	0.90		0.90	2.43		

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate In Rs.	Amount In Rs.
	synika vihar layout								
	Cross Roads		7	0.90		0.90	5.67		
	SFS 208								
			4	0.90		0.90	3.24		
						Total Qty	23.49		
						Qty as per Schedule-B	23.49		-
						Qty upto 125%	0.00		-
		Sqm				Qty as per Modified Estimate	23.49	7935.69	186,409.36
								Total Construction cost	87,308,067
								GST 12%	10,476,968
								Sub Total	97,785,035
								DPR Charges	890,000
								PMC Charges	767,000
								Grand Total (Modified Estimate Amount)	99,442,035

Certificate:-

1. The workspot was inspected and work is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.

Gooly Consultancy Services Bangalore

Consultant
For Gooly Consultancy Services

Assistant Engineer
Ward 02
BBMP - Bangalore

Assistant Executive Engineer
Yelahanka Sub-Division
BBMP - Bangalore

Executive Engineer
Yelahanka
BBMP - Bangalore

Executive Engineer
Bruhat Bengaluru Mahanagara Palik...
Yelahanka, Division

Technical Sanction
Accorded For Rs. 99442035/-
Head of A/C. 8744
CER NO : 56 ..... Dt: 28.12.2020

CE (YNK)